



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

601 Pole Line Road, Suite 2 • Twin Falls, Idaho 83301-3036 • (208) 736-2190

Dirk Kempthorne, Governor
C. Stephen Ailred, Director

October 17, 2000

CERTIFIED MAIL #7000 0520 0014 5096 7514

RECEIVED

OCT 18 2000

Department of Environmental Quality
State Air Program

Ed White, Operation Manager
Lamb-Weston, Inc.
P.O. Box 128
856 Russet St.
Twin Falls, ID 83303-0128

RE: T2-000005, Lamb-Weston, Inc., Twin Falls, Idaho
(Tier II Operating Permit No. 083-00062, Potatoes Processing Facility)

Dear Mr. White:

On December 24, 1998, Lamb Weston, Inc. (LW) requested from the Idaho Department of Environmental Quality (DEQ) to change the operating permit (OP) application from Tier I to Tier II. On April 7, 1999, DEQ received an application for a Tier II OP from LW. On June 21, 1999, the application was declared complete. On July 15, 1999, LW requested from DEQ to extend processing the facility's Tier II permit to enable them to work through the details with the U.S. Environmental Protection Agency (EPA) Region 10 on the derating of the boiler #1 from the NSPS requirements of 40 CFR 60 Subpart Db to NSPS Subpart Dc. On January 3, 2000, EPA approved the derating of boiler #1 at the facility. On December 6 through December 21, 1999, LW source tested for PM and VOC emissions from one of the fryers stacks and one of the dryer stacks. On October 14, 1999, boiler #1 was source tested for NO_x and CO emissions from the boiler's stack. On April 25, 2000 and May 3, 2000, DEQ received additional information from LW with a revised emission inventory and the PM-10 and the NO_x modeling results from the emission units at the facility. On August 2, 2000, DEQ issued a proposed Tier II OP to LW; and a public comment period was held from August 9 through September 8, 2000.

Based on review of all application materials, public comments received, and all applicable state and federal rules and regulations; DEQ finds this project meets the provisions of IDAPA 58.01.01.400 (*Rules for the Control of Air Pollution in Idaho*). Enclosed is Tier II OP No. 083-00062 for Lamb-Weston, Inc. in Twin Falls, Idaho.

This permit does not release the Permittee from compliance with all other applicable federal, state, local, or triable laws, regulations, or ordinances.

DEQ agrees that the PM-10 and VOC performance tests which were conducted by LW on line 4 fryer and dryer stacks on December 6 through December 21, 1999, fulfill the performance tests requirements for the first five years as required in Sections 3.2 and 3.3 (Performance Tests) of each source in this operating permit.

Ed White, Operation Manager
Lamb-Weston, Inc.
October 17, 2000
Page 2

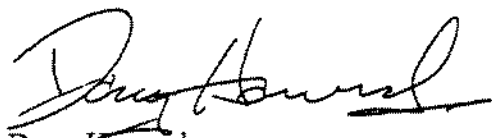
You are strongly encouraged to request a meeting with DEQ to discuss the permit terms and requirements with which your facility must comply. Mr. Steve VanZandt of the Twin Falls Regional Office will contact you regarding this meeting. DEQ strongly recommends that, in addition to your facility's plant manager, your responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions be present during the meeting.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings," by filing a petition with the Hearing Coordinator, Department of Environmental Quality, 1410 N. Hilton - 2nd Floor, Boise, ID 83706-1255, within thirty-five (35) days of the date of this decision. However, DEQ encourages you to contact Air Quality Permit Program to address any concerns you may have with the enclosed permit prior to filing a petition for a contested case.

Please be advised that a permit application fee of \$500.00 will be required in accordance with IDAPA 58.01.01. 470 prior to the issuance of the final Tier II OP to the facility.

If you have any questions regarding the terms or conditions of the enclosed proposed permit, please contact Steve VanZandt in the Twin Falls Regional Office at (208) 736-2190 or Harbi A. Elshafei from the State Technical Services, at (208) 373-0502.

Sincerely,



Doug Howard
Regional Administrator
Twin Falls Regional Office

ODGHAE:bm

Enclosures

cc: US EPA Region 10
DEQ State Offices - *JB*
Twin Falls Regional Office

J:\XFER\AIR_PERMIT\FRONT\LAMBWE-1\T2000005.PL2

State of Idaho
Department of Environmental Quality

**AIR POLLUTION
OPERATING PERMIT
GENERAL INFORMATION**

PERMIT NUMBER

0 8 3 - 0 0 0 6 2

AQCR

0 6 3

CLASS

A 2

SIC

2 0 9 9

ZONE

1 1

UTM COORDINATE (km)

7 0 6 . 6 , 4 7 1 4 . 0

RECEIVED

1. PERMITTEE

Lamb-Weston, Inc.

OCT 18 2000

2. PROJECT

Tier II Operating Permit

Department of Environmental Quality
State Air Program

3. MAILING ADDRESS

856 Russet Street

TELEPHONE #

(208) 733-5664

COUNTY

Twin Falls

4. CITY

Twin Falls

STATE

Idaho

ZIP CODE

83301-0128

5. PERSON TO CONTACT

Brian Stoddard

TITLE

Special Project Technician

6. EXACT PLANT LOCATION

42 DEG 33 MIN 07 SEC NORTH LAT.: 114 DEG 29 MIN 00 SEC WEST LONG.

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Production of Frozen Potato Products

8. PERMIT AUTHORITY

This permit is issued according to the *Rules for the Control of Air Pollution in Idaho*, Section 58.01.01.400 and pertains only to emissions of air contaminants which are regulated by the state of Idaho and to the sources specifically allowed to be operated by this permit.

THIS PERMIT HAS BEEN GRANTED ON THE BASIS OF DESIGN INFORMATION PRESENTED IN THE APPLICATION AND DIVISION OF ENVIRONMENTAL QUALITY'S (DEQ) TECHNICAL ANALYSIS OF THE SUPPLIED INFORMATION. CHANGES IN DESIGN OR EQUIPMENT, THAT RESULT IN ANY CHANGE IN THE NATURE OR AMOUNT OF EMISSIONS, MAY BE A MODIFICATION. MODIFICATIONS ARE SUBJECT TO DEQ REVIEW IN ACCORDANCE WITH SECTION 58.01.01.200 OF THE *RULES FOR THE CONTROL OF AIR POLLUTION IN IDAHO*.

DISCLAIMER: This document may serve as a Preliminary Inspection Finding Form for use by Department personnel in communicating your compliance status upon inspection. It does not constitute a final determination of compliance status with the Idaho Code or any rules promulgated, permits issued, or consent or judicial orders entered into pursuant to the law. The Idaho Department of Environmental Quality reserves the right to supplement this document with additional compliance determinations, and amend, change, or otherwise modify any compliance determination stated in this document. This document in no way restricts the state of Idaho, Department of Environmental Quality from taking any action available under law to address past, present, or future violations of the laws administered by the agency.


REGIONAL ADMINISTRATOR

TWIN FALLS REGIONAL OFFICE

DEPARTMENT OF ENVIRONMENTAL QUALITY

ISSUED DATE October 17, 2000

EXPIRATION DATE October 17, 2005

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

0 8 3 - 0 0 0 6 2

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Facility-Wide Conditions

1. REASONABLE CONTROL OF FUGITIVE EMISSIONS

- 1.1 All reasonable precautions shall be taken to prevent particulate matter from becoming airborne in accordance with IDAPA 58.01.01.651 (*Rules for the Control of Air Pollution in Idaho*). In determining what is reasonable, considerations will be given to factors such as the proximity of dust emitting operations to human habitations, and/or activities and atmospheric conditions which might affect the movement of particulate matter. Some of the reasonable precautions include, but are not limited to, the following:
 - 1.1.1 Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands;
 - 1.1.2 Application, where practical, of asphalt, oil, water, or suitable chemicals to, or covering of, dirt roads, material stockpiles, and other surfaces which can create dust;
 - 1.1.3 Installation and use, where practical, of hoods, fans and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations;
 - 1.1.4 Covering, where practical, of open-bodied trucks when transporting materials likely to give rise to airborne dusts;
 - 1.1.5 Paving of roadways and their maintenance in a clean condition, where practical; or
 - 1.1.6 Prompt removal of earth or other stored material from streets, where practical.
- 1.2 The Permittee shall keep records of all fugitive dust complaints received. The Permittee shall take appropriate corrective action as expeditiously as practicable after a valid complaint is received. The records shall, at a minimum, include the date that each complaint was received and a description of the following: the complaint, the Permittee's assessment of the validity of the complaint, and any corrective action taken, and the date the corrective action was taken. The most recent two (2) years' compilation of data shall be on site, and shall be made available to DEQ representatives upon request.

2. OPACITY LIMIT

- 2.1 Visible emissions from any stack, vent, or other functionally equivalent opening shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required in IDAPA 58.01.01.625. Opacity shall be determined using IDAPA 58.01.01.625.
- 2.2 The Permittee shall conduct a monthly, facility-wide, visible emission walk around of potential sources of visible emissions, during daylight hours and under normal operating conditions. If any visible emissions are present from any point of emissions, the Permittee shall take appropriate corrective action as expeditiously as practicable. If opacity is greater than twenty percent (20%) for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, the Permittee shall take all necessary corrective action, and report the exceedance in accordance with IDAPA 58.01.01.130-136. The Permittee shall keep records of the results of each monthly, visible

ISSUED: October 17, 2000
EXPIRES: October 17, 2005

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

0	8	3	-	0	0	0	6	2
---	---	---	---	---	---	---	---	---

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Facility-Wide Conditions

emission inspection. The records shall, at a minimum, include the date of each inspection and a description of the following: the Permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken. The most recent two (2) years' compilation of data shall be kept on site and shall be made available to DEQ representatives upon request.

3. NATURAL GAS OPERATING REQUIREMENTS

- 3.1 The maximum combustion of natural gas for the entire facility shall not exceed one thousand, eight hundred forty-four million cubic feet per any consecutive 12-month period (1,844 MM cf/yr).

4. NATURAL GAS CONSUMPTION MONITORING AND RECORDING

- 4.1 The Permittee shall monitor and record the following parameters to verify compliance with Section 3.1 of this permit. The records shall be kept at the facility for the most recent two-year period and shall be made available to DEQ representatives upon request.

- 4.1.1 Calendar date and amount of natural gas burned, in cubic feet (cf) per month or therms per month, and cubic feet or therms per any consecutive 12-month period.

5. FUGITIVE EMISSION LIMITS

Fugitive emissions shall not be observed leaving the property for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period. Visible emissions shall be determined by EPA Reference Method 22, as described in 40 CFR 60, Appendix A, or by an alternative method approved by the Idaho Department of Environmental Quality (DEQ).

6. RULES FOR CONTROL OF OPEN BURNING

The Permittee shall comply with the provisions of IDAPA 58.01.01.600-616 to protect public health and welfare from air pollutants resulting from open burning.

7. REPORTING REQUIREMENTS
7.1 Performance Test Protocol

Prior to conducting any emission test, the Permittee is strongly encouraged to submit in writing to DEQ, at least thirty (30) days in advance, a performance test protocol in accordance with IDAPA 58.01.01.157.01.a.

7.2 Performance Test Report

In accordance with IDAPA 58.01.01.157.04, the Permittee shall submit a written report of the performance test results to DEQ within thirty (30) days of completion of the test.

ISSUED: October 17, 2000 EXPIRES: October 17, 2005

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

083 - 00062

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Facility-Wide Conditions

8. CERTIFICATION OF DOCUMENTS

All documents including, but not limited to, application forms for Permits to Construct, records, supporting information, requests for confidential treatment, testing report, compliance certifications, and monitoring data submitted to DEQ shall contain a certification by a responsible official in accordance with IDAPA 58.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

9. PERMIT EXCEEDANCES

The Permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets and breakdowns.

10. REPORTING PERMIT EXCEEDANCES

Excess emissions reports and notifications required in IDAPA 58.01.01.130-136 shall be sent to:

Air Quality Permit Compliance
Department of Environmental Quality
Twin Falls Regional Office
601 Pole Lane Rd., Suite 2
Twin Falls, ID 83301

ISSUED: October 17, 2000
EXPIRES: October 17, 2005

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

083 - 00062

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Line 1 Fryer, Line 2 Fryer, Line 4 Fryer, and Special Products Fryer

1. EMISSION LIMITS
1.1 PM-10 Emission Limits

- 1.1.1 Particulate matter with an aerodynamic diameter less than or equal to a nominal ten microns (PM-10) emissions from line 1 fryer stack shall not exceed any of the following: 2.36 pounds per hour (lb/hr) based on a daily average and 10.33 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.
- 1.1.2 PM-10 emissions from line 2 fryer stack shall not exceed any of the following: 2.18 lb/hr based on a daily average and 9.53 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.
- 1.1.3 PM-10 emissions from line 4 fryer stack shall not exceed any of the following: 3.08 lb/hr based on a daily average and 13.49 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.
- 1.1.4 PM-10 emissions from the special products fryer stack shall not exceed any of the following: 0.44 lb/hr based on a daily average and 1.93 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

1.2 VOC Emission Limits

- 1.2.1 Volatile organic compound (VOC) emissions from line 1 fryer stack shall not exceed any of the following: 0.75 lb/hr based on a daily average and 3.31 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.
- 1.2.2 VOC emissions from line 2 fryer stack shall not exceed any of the following: 0.70 lb/hr based on a daily average and 3.05 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.
- 1.2.3 VOC emissions from line 4 fryer stack shall not exceed any of the following: 0.99 lb/hr based on a daily average and 4.32 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.
- 1.2.4 VOC emissions from the special products fryer stack shall not exceed any of the following: 0.14 lb/hr based on a daily average and 0.61 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

2. OPERATING REQUIREMENTS
2.1 Throughput Limit

- 2.1.1 The maximum throughput of finished potato product from line 1 fryer shall not exceed five hundred ninety tons per day (590 tons/day). The maximum throughput of finished potato product from line 1 fryer shall not exceed two hundred fifteen thousand, one hundred forty-six tons per any consecutive 12-month period

**ISSUED: October 17, 2000
EXPIRES: October 17, 2005**

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

0 8 3 - 0 0 0 6 2

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Line 1 Fryer, Line 2 Fryer, Line 4 Fryer, and Special Products Fryer

(215,146 T/yr).

- 2.1.2 The maximum throughput of finished potato product from line 2 fryer shall not exceed five hundred forty-four tons per day (544 tons/day). The maximum throughput of finished potato product from line 2 fryer shall not exceed one hundred ninety-eight thousand, five hundred two tons per any consecutive 12-month period (198,502 T/yr).
- 2.1.3 The maximum throughput of finished potato product from line 4 fryer shall not exceed seven hundred seventy tons per day (770 tons/day). The maximum throughput of finished potato product from line 4 fryer shall not exceed two hundred eighty-one thousand, twenty-one tons per any consecutive 12-month period (281,021 T/yr).
- 2.1.4 The maximum throughput of finished potato product from the special products fryer shall not exceed one hundred nine tons per day (109 tons/day). The maximum throughput of finished potato product from the special product fryer shall not exceed thirty-nine thousand, six hundred eighty-three tons per any consecutive 12-month period (39,683 T/yr).

2.2 Monitoring Equipment

Within ninety (90) days of the issuance of this permit, the Permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer's specifications, equipment to continuously measure the pressure differential across the air pollution control equipment and the scrubbing media flowrate to the air pollution control equipment.

2.3 Operations and Maintenance Manual Requirements

Within ninety (90) days of the issuance of this permit, the Permittee shall have developed an Operations and Maintenance (O&M) Manual for the air pollution control devices which describes the procedures that will be followed to comply with General Provision B and the air pollution control device requirements contained in this permit. The manual shall remain on-site at all times and shall be made available to DEQ representatives upon request.

2.4 Pressure Drop Across Air Pollution Control Devices

The pressure drop across the air pollution control devices shall be maintained within the manufacturer's and O&M Manual's specifications. Documentation of both the manufacturer's and O&M Manual's operating pressure drop specifications shall remain on-site at all times and shall be made available to DEQ representatives upon request.

2.5 Scrubbing Media Flowrate

The scrubbing media flowrate to the air pollution control devices shall be maintained within manufacturer's and O&M Manual's specifications. Documentation of the manufacturer's and O&M Manual's operating scrubbing media specifications shall remain on-site at all times and shall be made available to DEQ representatives upon request.

**ISSUED: October 17, 2000
EXPIRES: October 17, 2005**

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

083 - 00062

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Line 1 Fryer, Line 2 Fryer, Line 4 Fryer, and Special Products Fryer

3. MONITORING AND RECORDKEEPING REQUIREMENTS
3.1 Throughput

The Permittee shall monitor and record, both daily and annually, the throughput of finished potato product from line 1, line 2, line 4, and the special products fryers to demonstrate compliance with Section 2.1 of this permit. Throughput shall be recorded as tons per day (tons/day) and tons per any consecutive 12-month period (T/yr). The respective throughput for each day may be determined using monthly throughput records. Records of the most recent two-year period shall be maintained on site and shall be made available to DEQ representatives upon request.

3.2 Air Pollution Control Equipment

The following parameters shall be monitored and recorded during operation as specified below. The most recent two (2) years' compilation of data shall be kept on-site, in records, and shall be available to DEQ representatives upon request.

3.2.1 Pressure drop across the air pollution control device once daily.

3.2.2 The scrubbing media flowrate to the air pollution device once daily.

3.2.3 Maintenance on the air pollution control device and any modifications made to the operating specifications as performed on a daily basis.

3.3 Performance Tests
3.3.1 PM-10 Performance Tests

The Permittee shall conduct a performance test to measure PM-10 from the line 4 fryer stack on or before December 21, 2004, and at a minimum of once every five years thereafter. The Permittee shall use the results of the PM-10 performance tests to establish a PM-10 emission factor which shall be used to estimate emissions from each fryer at the facility to determine compliance with the PM-10 emission limits specified in Section 1.1 of this permit. This performance test, and any subsequent performance tests conducted to demonstrate compliance with Section 1.1 of this permit, shall be performed in accordance with IDAPA 58.01.01.157, General Provision I of this permit and the following requirements:

3.3.1.1 Visible emissions shall be observed during each performance test run using methods specified in IDAPA 58.01.01.157.

3.3.1.2 The pressure drop across the air pollution control equipment of line 4 fryer shall be recorded during each performance test.

3.3.1.3 The throughput of finished potato product in tons per hour (tons/hr) from line 4 fryer shall be recorded during each performance test.

**ISSUED: October 17, 2000
EXPIRES: October 17, 2005**

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

0	8	3	-	0	0	0	6	2
---	---	---	---	---	---	---	---	---

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Line 1 Fryer, Line 2 Fryer, Line 4 Fryer, and Special Products Fryer

3.3.2. VOC Performance Tests

The Permittee shall conduct a performance test to measure VOC from the line 4 fryer stack on or before December 21, 2004, and at a minimum of once every five years thereafter. The Permittee shall use the results of the VOC performance tests to establish a VOC emission factor which shall be used to estimate emissions from each fryer at the facility to determine compliance with the VOC emission limits specified in Section 1.2 of this permit. This performance test, and any subsequent performance tests conducted to demonstrate compliance with Section 1.2 of this permit, shall be performed in accordance with IDAPA 58.01.01.157, General Provision I of this permit and the following requirements:

- 3.3.2.1 Visible emissions shall be observed during each performance test run using methods specified in IDAPA 58.01.01.157.
- 3.3.2.2 The throughput of finished potato product in tons per hour (tons/hr) from line 4 fryer shall be recorded during each performance test.

ISSUED: October 17, 2000 EXPIRES: October 17, 2005

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

0	8	3	-	0	0	0	6	2
---	---	---	---	---	---	---	---	---

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Line 1 Dryer, Line 2 Dryer and Pre-Dryer, Line 4 Dryer, and Special Products Dryer

1. EMISSION LIMITS
1.1 PM-10 Emission Limits

- 1.1.1 Particulate matter with an aerodynamic diameter less than or equal to a nominal ten microns (PM-10) emissions from line 1 dryer stacks shall not exceed any of the following: 1.38 pounds per hour (lb/hr) based on a daily average and 6.05 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.
- 1.1.2 PM-10 emissions from line 2 dryer and Pre-Dryer stacks shall not exceed any of the following: 1.27 lb/hr based on a daily average and 5.58 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.
- 1.1.3 PM-10 emissions from line 4 dryer stacks shall not exceed any of the following: 1.80 lb/hr based on a daily average and 7.90 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.
- 1.1.4 PM-10 emissions from the special products dryer stacks shall not exceed any of the following: 0.25 lb/hr based on a daily average and 1.12 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

1.2 NO_x Emission Limits

- 1.2.1 Oxides of nitrogen (NO_x) emissions from line 1 dryer stacks shall not exceed any of the following: 3.53 lb/hr based on a daily average and 3.25 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.
- 1.2.2 NO_x emissions from line 2 dryer and pre-dryer stacks shall not exceed any of the following: 0.39 lb/hr based on a daily average and 0.71 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.
- 1.2.3 NO_x emissions from line 4 dryer stacks shall not exceed any of the following: 2.70 lb/hr based on a daily average and 4.59 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.
- 1.2.4 NO_x emissions from the special products dryer stacks shall not exceed any of the following: 0.49 lb/hr based on a daily average and 0.74 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

2. OPERATING REQUIREMENTS
2.1 Throughput Limit

- 2.1.1 The maximum throughput of finished potato product from line 1 dryer shall not exceed five hundred ninety tons per day (590 tons/day). The maximum throughput of finished potato product from line 1 dryer shall not exceed two hundred fifteen thousand, one hundred forty-six tons per any consecutive 12-month period (215,146 T/yr).
- 2.1.2 The maximum throughput of finished potato product from line 2 dryer and pre-dryer shall not exceed five hundred forty-four tons per day (544 tons/day). The maximum throughput of finished potato product from line 2 dryer and pre-dryer shall not exceed one hundred ninety-eight thousand, five hundred two tons per any consecutive 12-month period (198,502 T/yr).

ISSUED: October 17, 2000 EXPIRES: October 17, 2005

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

083 - 00062

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Line 1 Dryer, Line 2 Dryer and Pre-Dryer, Line 4 Dryer, and Special Products Dryer

2.1.3 The maximum throughput of finished potato product from line 4 dryer shall not exceed seven hundred seventy tons per day (770 tons/day). The maximum throughput of finished potato product from line 4 dryer shall not exceed two hundred eighty-one thousand, twenty-one tons per any consecutive 12-month period (281,021 T/yr).

2.1.4 The maximum throughput of finished potato product from the special products dryer shall not exceed one hundred nine tons per day (109 tons/day). The maximum throughput of finished potato product from the special product dryer shall not exceed thirty-nine thousand, six hundred eighty-three tons per any consecutive 12-month period (39,683 T/yr).

2.2 Fuel Specification

Line 1 dryer, line 2 pre-dryer, line 4 dryer, and the special products dryer shall burn natural gas exclusively.

3. MONITORING AND RECORDKEEPING REQUIREMENTS
3.1 Throughput

The Permittee shall monitor and record, both daily and annually, the throughput of finished potato product from line 1 dryer, line 2 dryer and pre-dryer, line 4 dryer, and the special products dryer to demonstrate compliance with Section 2.1 of this permit. Throughput shall be recorded as tons per day (tons/day) and tons per any consecutive 12-month period (T/yr). The respective throughput for each day may be determined using monthly throughput records. Records of the most recent two-year period shall be maintained on site and shall be made available to DEQ representatives upon request.

3.2 Performance Tests
3.2.1 PM-10 Performance Tests

The Permittee shall conduct a performance test to measure PM-10 from the line 4 dryer stack on or before December 21, 2004, and at a minimum of once every five years thereafter. The Permittee shall determine one stack of the line 4 dryer stacks which has the worst case PM-10 emissions for testing purposes. The Permittee shall use the results of the PM-10 performance tests from line 4 dryer stacks to establish a PM-10 emission factor which shall be used to estimate emissions from each dryer at the facility to determine compliance with the PM-10 emission limits specified in Section 1.1 of this permit. This performance test, and any subsequent performance tests conducted to demonstrate compliance with Section 1.1 of this permit, shall be performed in accordance with IDAPA 58.01.01.157, General Provision I of this permit and the following requirements:

3.2.1.1 Visible emissions shall be observed during each performance test run using methods specified in IDAPA 58.01.01.157.

3.2.1.2 The throughput of finished potato product in tons per hour (tons/hr) from line 4 dryer shall be recorded during each performance test.

**ISSUED: October 17, 2000
EXPIRES: October 17, 2005**

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

083 - 00062

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Boiler #1 (Combustion Engineering)

1. EMISSION LIMITS
1.1 Particulate Matter Emission Limits

The particulate matter (PM) emission shall not exceed 0.015 grains per dry standard cubic foot of effluent gas adjusted to three percent (3%) oxygen by volume when natural gas is combusted, as required in IDAPA 58.01.01.675.

1.2 PM-10 and NO_x Emission Limits

1.2.1 Particulate matter with an aerodynamic diameter less than or equal to a nominal ten micron (PM-10) emissions from boiler #1 shall not exceed any of the following: 0.72 pounds per hour (lb/hr) based on a daily average and 3.15 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

1.2.2 Oxides of nitrogen (NO_x) emissions from boiler #1 shall not exceed any of the following: 7.93 lbs/hr based on a daily average and 30.93 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

2. OPERATING REQUIREMENTS
2.1 Fuel Specification

Boiler #1 shall burn natural gas exclusively.

3. MONITORING AND RECORDKEEPING REQUIREMENTS
3.1 Operation Parameters Monitors

The Permittee shall record the following parameters to verify compliance with Section 2.1 of this permit. The records shall be kept at the facility for the most recent two-year period and shall be made available to DEQ representatives upon request.

3.1.1 The Permittee shall monitor and record the amount of natural gas used for boiler #1 on a daily basis, as required in 40 CFR 60.48c(g). The Permittee shall maintain records for a period of two years following the date of such records.

3.1.2 The Permittee shall submit written notification to EPA Region 10 and to DEQ following the procedures listed in 40 CFR 60.48c(a). The notification shall include the date of construction or reconstruction; anticipated startup date; the design heat input capacity; and fuel combusted in the affected facility.

3.1.3 The Permittee shall monitor and maintain records of the natural gas flow rate (ft³/min), no less frequently than on a continuous basis and shall report to EPA Region 10 and to Idaho DEQ on a quarterly basis the natural gas-fired heat input of boiler #1 (MMBtu/hr) for each boiler operating day.

**ISSUED: October 17, 2000
EXPIRES: October 17, 2005**

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

0	8	3	-	0	0	0	6	2
---	---	---	---	---	---	---	---	---

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Boiler #2 (Murray-Trane) and Boiler #3 (Cleaver-Brooks)

1. EMISSION LIMITS
1.1 Particulate Matter Emission Limits

The particulate matter (PM) emission shall not exceed 0.015 grains per dry standard cubic foot of effluent gas adjusted to three percent (3%) oxygen by volume when natural gas is combusted, as required in IDAPA 58.01.01.675.

1.2 PM-10 and NO_x Emission Limits

1.2.1 Particulate matter with an aerodynamic diameter less than or equal to a nominal ten micron (PM-10) emissions from boiler #2 shall not exceed any of the following: 0.54 pounds per hour (lb/hr) based on a daily average and 2.35 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

1.2.2 PM-10 emissions from boiler #3 shall not exceed any of the following: 0.27 pounds per hour (lb/hr) based on a daily average and 1.05 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

1.2.3 Oxides of nitrogen (NO_x) emissions from boiler #2 shall not exceed any of the following: 7.06 lbs/hr based on a daily average and 27.53 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

1.2.4 NO_x emissions from boiler #3 shall not exceed any of the following: 3.53 lbs/hr based on a daily average and 13.76 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

2. OPERATING REQUIREMENTS
2.1 Fuel Specification

Boiler #2 and boiler #3 shall burn natural gas exclusively.

ISSUED: October 17, 2000 EXPIRES: October 17, 2005

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

0	8	3	-	0	0	0	6	2
---	---	---	---	---	---	---	---	---

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Heaters and Burners

1. EMISSION LIMITS**1.1 NO_x Emission Limits**

Oxides of nitrogen (NO_x) emissions from the heaters and burners shall not exceed 3.75 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

2. OPERATING REQUIREMENTS**2.1 Fuel Specification**

The heaters and burners shall burn natural gas exclusively.

ISSUED: October 17, 2000 EXPIRES: October 17, 2005

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

083 - 00062

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Emergency Diesel Generators (100 kW and 230 kW)

1. EMISSION LIMITS
1.1 Particulate Matter Emission Limits

Particulate matter (PM) emissions shall not exceed 0.05 grains per dry standard cubic foot of effluent gas adjusted to three percent (3%) oxygen by volume when diesel liquid is combusted, as required in IDAPA 58.01.01.675.

1.2 PM-10 and NO_x Emission Limits

1.2.1 Particulate matter with an aerodynamic diameter less than or equal to a nominal ten microns (PM-10) emissions from the emergency diesel generators (i.e., 100 kW and 230 kW) shall not exceed any of the following: 0.87 pounds per hour (lb/hr) based on a daily average and 0.22 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

1.2.2 Oxides of nitrogen (NO_x) emissions from the emergency diesel generators (i.e., 100 kW and 230 kW) shall not exceed the following: 3.73 tons per any consecutive 12-month period (T/yr), as listed in Appendix A of this permit.

2. OPERATING REQUIREMENTS
2.1 Hours of Operation

The maximum hours of operation for each emergency diesel generator shall not exceed 8.5 hours per day, except for emergency. The total number of hours of operation for each emergency diesel generator shall not exceed 500 hours per any consecutive 12-month period.

2.2 Fuel Specification

The diesel emergency generators shall be fired exclusively by No. 2 diesel fuel. The sulfur content shall be less than five-tenths weight percent (0.5 wt %), as required in IDAPA 58.01.01.728.

2.3 Maintenance and Operating Requirements

The Permittee shall maintain and operate the emergency diesel generators in accordance with manufacturer's recommendations.

ISSUED: October 17, 2000
EXPIRES: October 17, 2005

**AIR POLLUTION OPERATING PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

0	8	3	-	0	0	0	6	2
---	---	---	---	---	---	---	---	---

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Emergency Diesel Generators (100 kW and 230 kW)

3. MONITORING AND RECORDKEEPING REQUIREMENTS**3.1 Emergency Generator Operations**

The Permittee shall monitor and record the date and number of hours of operation of the emergency diesel generators to verify compliance with Section 2.1 of this permit. The most recent two (2) years' compilation of data shall be kept on-site in records at all times and shall be made available to DEQ representatives upon request.

ISSUED: October 17, 2000 EXPIRES: October 17, 2005

**Air Pollution Operating PERMIT
PERMITTEE, PROJECT, AND LOCATION**

Lamb-Weston, Inc.
Tier II Operating Permit
Twin Falls, Idaho

PERMIT NUMBER

0 8 3 - 0 0 0 6 2

SOURCE

Appendix A

APPENDIX A

Lamb-Weston, Inc. - Twin Falls

Hourly (lb/hr) and Annual (T/yr) Emission Limits*

EMISSION UNIT	PM-10		VOC		NOx	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
line 1 fryer	2.36	10.33	0.75	3.31	---	---
line 2 fryer	2.18	9.53	0.70	3.05	---	---
line 4 fryer	3.08	13.49	0.99	4.32	---	---
special products fryer	0.44	1.93	0.14	0.61	---	---
line 1 dryer	1.38	6.05	---	---	3.53	3.25
line 2 dryer and pre-dryer	1.27	5.58	---	---	0.39	0.71
line 4 dryer	1.80	7.90	---	---	2.70	4.59
special products dryer	0.25	1.12	---	---	0.49	0.74
boiler #1	0.72	3.15	---	---	7.93	30.93
boiler #2	0.54	2.35	---	---	7.06	27.53
boiler #3	0.27	1.05	---	---	3.53	13.76
heaters and burners	---	---	---	---	---	3.75
emergency diesel generators	0.87	0.22	---	---	---	3.73

- a. As determined by a pollutant-specific U.S. EPA reference method, DEQ-approved alternative, or as determined by DEQ's emission estimation methods used in the permit application analysis.

**ISSUED: October 17, 2000
EXPIRES: October 17, 2005**

TIER II OPERATING PERMIT GENERAL PROVISIONS

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the *Rules for the Control of Air Pollution in Idaho*, and the Environmental Protection and Health Act, Idaho Code 39-101 et. seq.
- B. The Permittee shall at all times (except as provided in the *Rules for the Control of Air Pollution in Idaho*) maintain and operate in good working order all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
- C. The Permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
 - 1) To enter upon the Permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
 - 2) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emission testing (i.e., performance tests) in conformance with state approved or accepted EPA procedures when deemed appropriate by the Director.
- D. Except for data determined to be confidential under Section 9-342A, *Idaho Code*, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Department of Environmental Quality.
- E. Nothing in this permit is intended to relieve or exempt the Permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- F. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.
- G. This permit shall be renewable on the expiration date, provided the Permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.
- H. The Director may require the Permittee to develop a list of Operation and Maintenance Procedures to be approved by DEQ. Such list of procedures shall become a part of this permit by reference, and the Permittee shall adhere to all of the operation and maintenance procedures contained therein.
- I. Performance tests (i.e., air emission source tests) conducted pursuant to testing requirements in this permit must be conducted in accordance with IDAPA 58.01.01.157. Such testing shall not be conducted on weekends or state holidays unless the Permittee obtains prior DEQ approval.

The Permittee shall submit a proposed test date for each performance test required by this permit to DEQ for approval at least fifteen (15) days prior to each respective test date (including each test date for periodic tests such as, for example, annual tests). The Permittee shall promptly notify DEQ of any change in the proposed test date and shall provide at least five (5) working days advanced notice prior to conducting any rescheduled test, unless DEQ approves a shorter notice period.

Within thirty (30) days of the date on which a performance test required by this permit is concluded, the Permittee shall submit to DEQ a performance test report for the respective test. The performance test report shall include any and all process operating data required to be recorded during the test period as well as the test results, raw test data, and associated documentation.

The maximum allowable source operating rate shall be limited to 120% of the average operating rate attained during the most recent performance test conducted pursuant to this permit, for which a test protocol has been granted prior approval by DEQ, which demonstrated compliance with the respective pollutant emission limit unless: (1) a more restrictive operating limit is specified elsewhere in this permit or; (2) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.

- J. The provisions of this permit are severable; and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

ISSUED: October 17, 2000
EXPIRES: October 17, 2005